

## Certificate of Analysis

Date of Testing:	2023-02-02 15:47:52
Date of Next Testing:	2027-02-01 15:47:52
Product Name:	<b>Cupric oxide</b>
CAS Number:	1317-38-0
Specifications & Purity:	99%
Lot #:	A2331444
SKU #	<b>C112562</b>
<b>Analysis:</b>	<b>080534</b>
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Density	6.2-6.5 (g/ml)	6.40 g/ml
Chloride (Cl <sup>-</sup> )	0-0.003 (%)	0.00 %
Substances not precipitated by hydrogen sulfide	0-0.2 (%)	0.10 %
Carbon compound(CO <sub>3</sub> )	0-0.025 (%)	0.01 %
Iron(Fe)	0-0.01 (ppm)	0.01 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)	0.01 %
Nitrogen by Elemental Analysis	0-0.002 (%)	0.00 %
Insoluble matter in HCl	0-0.002 (%)	0.00 %
Cuprous oxide(Cu <sub>2</sub> O)	0-0.05 (%)	0.03 %
Assay	99-100 (%)	99.86 %
Appearance (C112562)	Brown to black powder	Brown to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager